Amendments to the Specification

The following amendments to the specification will be made in view of the corresponding published patent application for US 10/718,311. Specifically, the paragraph numbering will follow the numbering used in US2004/0143867 A1 published July 22, 2004.

Please replace paragraph [0001] on page 1 of the present application with the following paragraph:

This application is a divisional of Application No. 09/855,341, filed May 15, 2001, ~~now pending~~ now U.S. Patent No. 6,683,231, claiming the benefit of U.S. Provisional Application No. 60/209,854 filed June 2, 2000, now expired.

Please replace paragraph [0029] of page 3 of the present application with the following paragraph:

Fig. 1 shows a primary amino acid sequence alignment of two different chloroplast-targeted versions of CPL. Both are artificial fusion proteins. The one in line 3 corresponds to TP-UbiC (SEQ ID NO: 18) which was used in previous studies (Siebert et al., *Plant Physiol.* 112:811-819 (1996) Sommer et al., *Plant Cell Physiol.* 39(11):1240-1244 (1998); Sommer et al., *Plant Cell Reports* 17:891-896 (1998); Sommer et al., *Plant Molecular Biology* 39:683-693 (1999)), while the one in line 2 corresponds to TP-CPL (SEQ ID NO: 8) which was developed in the present work. *E. coli* CPL (line 4) (SEQ ID NO: 4) and the tomato Rubisco small subunit precursor for rbcS2 (line 1) (SEQ ID NO: 17) are also included in the alignment. Amino acid residues corresponding to the "mature" Rubisco small subunit are indicated in bold. The N-terminal chloroplast transit peptide of the Rubisco small subunit precursor is indicated in plain text. The primary amino acid sequence of *E. coli* CPL is indicated in italics. The arrow indicates the highly conserved Cys-Met junction (Mazur et al., *Nuc Acids Res.* 13:2373-2386 (1985); Berry-Lowe et al., *J. Mol. and Appl. Gen.* 1, 483-498 (1982)) where transit peptide cleavage normally occurs to give rise to the *mature* Rubisco small subunit.

Please add the following paragraphs after paragraph [0053] on page 4 and before paragraph [0054] on page 4 of the published application.

SEQ ID NO: 17 is the amino acid sequence of a tomato Rubisco small subunit ribulose-1,5-bisphosphate carboxylase (rbcS2) precursor protein.

SEQ ID NO: 18 is the amino acid sequence of the TP-UbiC fusion protein.